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You can read the recommendations in the user guide, the technical guide or the installation guide for KENWOOD KDC-BT48DAB. You'll find the answers to all your questions on the KENWOOD KDC-BT48DAB in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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KENWOOD

KDC-BT48DAB

CD-RECEIVER
INSTRUCTION MANUAL
AMPLI-TUNER LECTEUR DE CD
MODE D'EMPLOI
CD-RECEIVER
BEDIENUNGSANLEITUNG
CD RECEIVER
GEBRUIKSAANWIJZING
SINTOLETTORE STEREO COMPACT DISC
ISTRUZIONI PER L'USO
REPRODUCTOR DE DISCOS COMPACTOS RECEPTOR DE FM/AM
MANUAL DE INSTRUCCIONES

JVCKENWOOD Corporation

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Manual abstract:

Indd ii 25/11/2013 5:17:21 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) The marking of products using lasers The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit. Indd iii 5/12/2013 10:45:37 AM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) English Hereby, JVC KENWOOD declares that this unit KDC-BT48DAB is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Indd iv 25/11/2013 5:17:22 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) CONTENTS BEFORE USE BASICS GETTING STARTED DIGITAL RADIO (DAB) ANALOG RADIO CD / USB / iPod AUX AhaTM RADIO BLUETOOTH® AUDIO SETTINGS DISPLAY SETTINGS MORE INFORMATION TROUBLESHOOTING SPECIFICATIONS INSTALLATION / CONNECTION 2 3 4 5 7 9 11 11 12 17 18 18 19 21 23 BEFORE USE Warning Do not operate any function that takes your attention away from safe driving. Caution Volume setting: • Adjust the volume so that you can hear sounds outside the car to prevent accidents. �□ Lower the volume before playing digital sources to avoid damaging the speakers by the sudden increase of the output level. General: • Avoid using the USB device or iPod/iPhone if it might hinder safe driving. • Make sure all important data has been backed up. We shall bear no responsibility for any loss of recorded data.

�□ Never put or leave any metallic objects (such as coins or metal tools) inside the unit, to prevent a short circuit. �□ If a disc error occurs due to condensation on the laser lens, eject the disc and wait for the moisture to evaporate. Remote control (RC-406): • Do not leave the remote control in hot places such as on the dashboard. • The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.

�□ The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like. ⏴ Keep the battery out of reach of children and in its original packaging when not in used. Maintenance Cleaning the unit: Wipe off dirt on the faceplate with a dry silicone or soft cloth. Cleaning the connector: Detach the faceplate and clean the connector gently with a cotton swab, being careful not to damage the connector. Handling discs: • Do not touch the recording surface of the disc.

Connector (on the reverse • Do not stick tape etc. On the disc, or use a disc with tape stuck on it. Side of the faceplate) • Do not use any accessories for the disc. ⏴ Clean from the center of the disc and move outward. ⏴ Clean the disc with a dry silicone or soft cloth. Do not use any solvents. ⏴ When removing discs from this unit, pull them out horizontally. ⏴ Remove burrs from the center hole and disc edge before inserting a disc. How to read this manual • Operations are explained mainly using buttons on the faceplate. • [XX] indicates the selected items.

⏴ (XX) indicates references are available on the stated page. 2 JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 2 25/11/2013 5:17:22 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) BASICS Faceplate Volume knob (turn/press) Display window Remote sensor (Do not expose to bright sunlight.) Remote control (RC-406) (not supplied) (However, this unit can be remotely controlled with an optionally purchased remote control.) Detach button Attach Detach How to reset Your preset adjustments will also be erased. How to replace the battery Pull out the insulation sheet when using for the first time. To Turn on the power Adjust the volume Do this (on the faceplate) Press B SRC. ⏴ Press and hold to turn off the power. turn the volume knob. Do this (on the remote control) Press and hold SRC to turn off the power.

(Pressing SRC does not turn on the power.) Press VOL or VOL . Press ATT during playback to attenuate the sound. Indd 3 3 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 5/12/2013 4:34:50 PM GETTING STARTED Set the initial settings 1 Press B SRC to enter STANDBY. 2 Press the volume knob to enter [FUNCTION].

3 Turn the volume knob to make a selection (see the following table), then press the knob. 3 4 Press and hold 1 to exit. To return to the previous setting item or hierarchy, press AUDIO CONTROL SP SELECT Cancel the demonstration . Default: XX When you turn on the power (or after you reset the unit), the display shows: "SEL LANGUAGE" "PRESS" "VOLUME KNOB" 1 Turn the volume knob to select [ENG] (English) or [RUS] (Russian), then press the knob. [ENG] is selected for the initial setup.

Then, the display shows: "CANCEL DEMO" "PRESS" "VOLUME KNOB" 2 Press the volume knob. OFF/ 5/4/ 6 × 9/6/ OEM: Selects according to the speaker size (5 inches or 4 inches, 6×9 inches or 6 inches) or OEM speakers for optimum performance. ON: Both display and button illumination change to white color when entering [FUNCTION]. ON: Supplies power to the DAB antenna. Selects when using the supplied antenna. ; OFF: Does not supply power. Selects when using passive antenna without booster. (25) NORMAL: Memorizes one station for each preset button in each band (FM1/ FM2/ FM3/ MW/ LW/ DB1/ DB2/ DB3). ; MIX: Memorizes one station for each preset button, regardless of the selected band. DISPLAY EASY MENU TUNER SETTING DAB L-BAND DAB ANT POWER PRESET TYPE 2 1 2 3 4 Set the clock Press the volume knob to enter [FUNCTION].

Turn the volume knob to select [CLOCK], then press the knob. Turn the volume knob to select [CLOCK ADJUST], then press the knob. Turn the volume knob to make the settings, then press the knob. Day Hour Minute 5 Turn the volume knob to select [CLOCK FORMAT], then press the knob. 6 Turn the volume knob to select [12H] or [24H], then press the knob. 7 Press and hold to exit. To return to the previous setting item or hierarchy, press . (11) Selects the display language for [FUNCTION] menu and Tag information (folder name, file name, song title, artist name, album name) if applicable. Applicable only when the demonstration mode is turned off. Sets the duration when the unit will automatically turns off (while in standby mode) to save the battery. 20M: 20 minutes ; 40M: 40 minutes ; 60M: 60 minutes ; WAIT TIME – – –: Cancels 1: Automatically distinguishes between audio file disc and music CD. ; 2: Forces to play as an music CD. No sound can be heard if an audio file disc is played. dIGITAL RADIO (DAB) About DAB (Digital Audio Broadcasting) DAB is one of the digital radio broadcasting systems available today. It can deliver digital quality sound without any annoying interference or signal distortion.

Furthermore, it can carry text, pictures and data. In contrast to FM broadcast, where each program is transmitted on its own frequency, DAB combines several programs (called "services") to form one "ensemble. □ The "primary component" (main radio station) is sometimes accompanied by a "secondary component" which can contain extra programs or other information. For details on how to update the firmware, see: www. □ To change the tuning method for S / T: Press K SEEK repeatedly.

□ To select a stored service: Press one of the number buttons (1 to 6) (or press one of the number buttons (1 to 6) on RC-406). replay Press and hold K SEEK (or press K on RC-406). □REPLAY MODE" appears and replay starts from the live position. You can replay a certain length of time of the current service (depending on the audio bit rate). □ To skip the current song backward/forward, press S / T (or press S / T (+) on RC-406). 1 Press 2 Turn the volume knob or press J / K to select a service, then press the knob. (or using RC-406) Press J / K to search for a service. 1 Press 2 Turn the volume knob quickly to enter Alphabet Search mode. 3 Turn the volume knob or press S / T to select the character to be searched for. 5 Turn the volume knob to select a service, then press the knob.

to cancel the Alphabet Search mode , press . Other settings 1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to make a selection (see the following table), then press the knob. 3 Press and hold to exit. To return to the previous setting item or hierarchy, press TUNER SETTING AF SET . default: XX ON: While listening to DAB. Automatically switch to FM broadcasting the same program if the DAB signal becomes weak. It will switch back to DAB sound when the signal becomes strong again. Press the volume knob to enter PTY language selection. Turn the volume knob to select the PTY language (ENGLISH/ FRENCH/ GERMAN), then press the knob.

Selects the available Program Type (7), then, press S / T to start. tI PTY SEARCH 6 JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 6 25/11/2013 5:17:23 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) DIGITAL RADIO (DAB) ASW SELECT TRAVEL, WARNINGS, NEWS, WEATHER, EVENT, SPECIAL, RAD INFO, SPORTS, FINANCE: Turn the volume knob to make a selection, then press the knob. □ " appears in front of the activated announcement type. □ To deactivate, press the volume knob again (" " goes off).

*ANALOG RADIO * * LIST UPDATE PTY WATCH AUTO: Automatically update the DAB Service List when the power is turned on. ; MANUAL: Updates the DAB Service List by pressing and holding . Automatically switch from any source to Digital Radio ensembles broadcasting a selected type of program. nEWS , AFFAIRS , INFO , SPORT , EDUCATE , DRAMA , CULTURE , SCIENCE , VARIED , POP M (music) , ROCK M (music) , EASY M (music) , LIGHT M (music) , CLASSICS , OTHER M (music) , WEATHER , FINANCE , CHILDREN , SOCIAL , RELIGION , PHONE IN , TRAVEL , LEISURE , JAZZ , COUNTRY , NATION M (music) , OLDIES , FOLK M (music) , DOCUMENT OFF: Cancels. ON: Synchronizes the unit's time to the Digital Radio signal station time.*

□ To change the searching method for S / T: Press K SEEK repeatedly. □ To select a stored station: Press one of the number buttons (1 to 6) (or press one of the number buttons (1 to 6) on RC-406). CLOCK TIME SYNC •Available Program Type: SPEECH: NEWS, AFFAIRS, INFO (information), SPORT, EDUCATE, DRAMA, CULTURE, SCIENCE, VARIED, WEATHER, FINANCE, CHILDREN, SOCIAL, RELIGION, PHONE IN, TRAVEL, LEISURE, DOCUMENT MUSIC: POP M (music), ROCK M (music), EASY M (music), LIGHT M (music), CLASSICS, OTHER M (music), JAZZ, COUNTRY, NATION M (music), OLDIES, FOLK M (music) The unit will search for the Program Type categorized under [SPEECH] or [MUSIC] if selected. □ If the volume is adjusted during reception of traffic information, announcement or alarm, the adjusted volume is memorized automatically. It will be applied the next time traffic information, announcement or alarm function is turned on. direct Access Tuning (using RC-406) 1 Press DIRECT to enter Direct Access Tuning. 2 Press the number buttons to enter a frequency. □ If no operation is done for 10 seconds after step 2, Direct Access Tuning is automatically canceled. eNGLISH | JS_KWD_KDC_BT48DAB_EWE0_03_EN. Indd 7 7 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 5/12/2013 10:46:08 AM ANALOG RADIO Other settings 1 Press the volume knob to enter [FUNCTION].

2 Turn the volume knob to make a selection (see the following talume knob to select [SKIP SEARCH], then press the knob. 4 Turn the volume knob to make a selection, then press the knob. 0. 5% (default)/ 1%/ 5%/ 10%: Skip search ratio over the total files. Select a song by name While listening to iPod. 1 Press . 2 Turn the volume knob to select a category, then press the knob. 3 Turn the volume knob quickly to enter character search. 4 Turn the volume knob to select the character to be searched for. 5 Press S / T to move to the entry position.

You can enter up to 3 characters. 6 Press the volume knob to start searching. 7 Turn the volume knob to make a selection, then press the knob. Repeat step 7 until the desired item is selected. □ To search for a character other than A to Z and 0 to 9, enter only " ".

□ To return to the previous hierarchy, press . □ To return to the top menu, press number button 5 iPod. •To cancel , press and hold . Change the USB drive When a smartphone (Mass Storage Class) is connected to the USB input terminal, you can select its internal memory or external memory (such as an SD card) to playback the stored songs. You can also select the desired drive to playback when a multiple drives device is connected.

press 5 iPod repeatedly to select the desired drive. (or) 1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to select [USB], then press the knob. 3 Turn the volume knob to select [MUSIC DRIVE], then press the knob. Repeat steps 1 to 4 to select the following drives. (5) AhaTM RADIO Preparation: Install the latest version of AhaTM application onto your device (iPhone/ iPod touch), then create an account and log in to AhaTM. Auxiliary input jack Start listening 1 Open the AhaTM application on your device. 2 Connect your device to the USB input terminal. 3. 5 mm stereo mini plug with "L" shaped connector (commercially available) Portable audio player USB input terminal 2 Press B SRC to select AUX.

3 Turn on the portable audio player and start playback. And/ or USB cable from the rear of the unit KCA-iP102 (optional accessory) or accessory cable of the iPod/iPhone The source changes to AHA FRONT/ AHA REAR and broadcasts starts. * Do not leave the cable inside the car when not using. Set the AUX name While listening to a portable audio player connected to the unit.*

1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to select [SYSTEM], then press the knob. 3 Turn the volume knob to select [AUX NAME SET], then press the knob. 4 Turn the volume knob to make a selection, then press the knob. 1 Press 2 Turn the volume knob to select a station, then press the knob. 3 Turn the volume knob to the desired content, then press the knob.

(or using RC-406) Press J / K to search for a station. to cancel , press and hold . You can make a call when your device is connected to the unit via Bluetooth connection (12). ☐ To call a number in the content*: Press 1, then press the volume knob to call. Indd 11 11 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 29/11/2013 9:36:50 AM BLUETOOTH® You can operate Bluetooth devices using this unit.

Pair a Bluetooth device When connecting a Bluetooth device to the unit for the first time, perform pairing between the unit and the device. Once the pairing is completed, the Bluetooth device will remain registered in the unit even if you reset the unit. ☐ Up to five devices can be registered (paired) in total. ☐ A maximum of two Bluetooth phones and one Bluetooth audio device can be connected at any time. • This unit supports Secure Simple Pairing (SSP).

☐ Some Bluetooth devices may not automatically connect to the unit after pairing. Connect the device to the unit manually. Refer to the instruction manual of the Bluetooth device for more information. 1 Press B SRC to turn on the unit. 2 Search and select this unit model name (KDC-BT4*DAB) on the Bluetooth device. ☐PAIRING OK" appears when pairing is completed and " " will light up when the Bluetooth connection is established. ☐ For some Bluetooth devices, you may need to enter the Personal Identification Number (PIN) code immediately after searching. Connect the microphone MIC (Microphone input terminal) Microphone (supplied) • Pairing request (via Bluetooth) is automatically activated if an iPhone/iPod touch is connected through the USB input terminal. (Applicable only if [AUTO PAIRING] is set to [ON].) (16) Press the volume knob to pair once you have confirm the device name.

Bluetooth test mode You can check the connectivity of the supported profile between the Bluetooth device and the unit. 2 Search and select this unit model name (KDC-BT4*DAB) on the Bluetooth device. The connectivity result (OK or NG) appears after the test. PAIRING: Pairing status HF CNT: Hands-Free Profile (HFP) compatibility AUD CNT: Advanced Audio Distribution Profile (A2DP) compatibility PB DL: Phonebook Access profile (PBAP) compatibility • To cancel check mode, press and hold B SRC to turn off the unit. Rear panel Adjust the microphone angle Secure using cord clamps (not supplied) if necessary. If you turn off the unit or detach the control panel during a phone call conversation, the Bluetooth connection is disconnected. Continue the conversation using your mobile phone. supported Bluetooth profiles – Hands-Free Profile (HFP) – Serial Port Profile (SPP) – Phonebook Access Profile (PBAP) – Object Push Profile (OPP) – Advanced Audio Distribution Profile (A2DP) – Audio/Video Remote Control Profile (AVRCP) 12 JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 12 25/11/2013 5:17:24 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) BLUETOOTH® Bluetooth mobile phone To Receive a call Improve the sound quality during a call While talking on the phone. 1 Press the volume knob to enter [FUNCTION].

2 Turn the volume knob to make a selection (see the following table), then press the knob. 3 Press and hold to exit. To return to the previous setting item or hierarchy, press . Default: XX MIC GAIN NR LEVEL ECHO CANCEL –20 — +8 (0): The sensitivity of the microphone increases as the number increased. ☐5 — –20 (–10): Adjust the noise reduction level until the least noise is being heard during a phone conversation.

1 — 10 (4): Adjust the echo cancellation delay time until the least echo is being heard during a phone conversation. Do this Press or the volume knob or one of the number buttons (1 to 6) (or press on RC-406). ☐ All the buttons and display illumination flash when there is an incoming call. During a call, the buttons and display illuminate according to the settings made for [DISPLAY]. (18) • When [AUTO ANSWER] is set to the selected time, the unit answers incoming call automatically.

(14) Press B SRC (or press on RC-406). On Reject an incoming call End a call Switch between hands-free and private talk modes Adjust the phone volume Press or B SRC (or press RC-406). Text message notification When the phone receives a text message, the unit rings and "SMS RECEIVED" appears. ☐ You cannot read, edit, or send a message through the unit. ☐ To clear the message, press any button. press 6 IW during a call. ☐ Operations may vary according to the connected Bluetooth device. Turn the volume knob during a call. Phone volume: [00] to [35] (Default: [15]) • This adjustment will not affect the volume of the other sources. The connected phone (which has been paired the earliest) is activated.

However, if priority device is connected, pressing and holding activate the priority device. (15, DVC PRIORITY) 2 Speak the name of the contact you want to call or the voice command to control the phone functions. • Supported Voice Recognition features vary for each phone. Refer to the instruction manual of the connected phone for details. ☐ This unit also supports the intelligent personal assistant function of iPhone. 2 Turn the volume knob to make a selection (see the following table), then press the knob. 3 Press and hold to exit. To return to the previous setting item or hierarchy, press CALL HISTORY VOICE BATT* SIGNAL* . SETTINGS AUTO ANSWER RING MODE Speak the name of the contact you want to call or use the voice command to control the phone functions. (13, Use Voice Recognition) LOW/ MID/ FULL: Shows the strength of the battery.

NO SIGNAL/ LOW/ MID/ MAX: Shows the strength of the current received signal. Default: XX 1 — 30: The unit answer incoming call automatically in the selected time. ; OFF: Cancels. SYSTEM: The unit rings to notify you when a call/text message comes in. (Default ring tone is different according to the paired device.

) • CALL: Selects your preferred ring tone (TONE 1 — 5) for incoming calls. ☐ MESSAGE: Selects your preferred ring tone (TONE 1 — 5) for incoming text messages. PHONE: The unit uses the connected phones' ring tone to notify you when a call/text message comes in. (The connected phone will ring if it does not support this feature. @@ ; OFF: Cancels.

1 Press the volume knob to select a name or a phone number. @@@@@ 2 Press the volume knob to call. 1 Turn the volume knob to select a name, then press the knob.

@@@@@ transfer the phonebook manually. @@@@@@@ 2 Press S / T to move the entry position. Repeat steps 1 and 2 until you finish entering the phone number. 3 Press the volume knob to call. @@ 2 Press to call. @@@@@ nUMBER DIAL 1 Press to enter Bluetooth mode. 2 Turn the volume knob to select [PHONE BOOK], then press the knob.

14 JS_KWD_KDC_BT48DAB_EWE0_06_EN. @@@@5 Turn the volume knob to select a name, then press the knob. @@To return to the previous hierarchy, press . Delete a contact Not applicable for mobile phone that supports PBAP. 1 Press to enter Bluetooth mode. @@ 3 Turn the volume knob to select a contact. @@4 Press and hold the volume knob to enter delete mode. @@DELETE ONE: Selected name or phone number in step 3 is deleted. @@6 Turn the volume knob to select [YES] or [NO], then press the knob. 2 Turn the volume knob to select [CALL HISTORY], [PHONE BOOK], or [NUMBER DIAL], then press the knob.

3 Turn the volume knob to select a contact or enter a phone number. @@To erase a contact from the preset memory, select [NUMBER DIAL] in step 2 and store a blank number. Bluetooth mode settings 1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to select [BT MODE], then press the knob. 3 Turn the volume knob to make a selection (see the following table), then press the knob.

4 Press and hold to exit. To return to the previous setting item or hierarchy, press PHONE SELECT AUDIO SELECT DEVICE DELETE . Default: XX Make a call from memory 1 Press to enter Bluetooth mode. ” appears in front of the device name. 1 Turn the volume knob to select a device to delete, then press the knob.

2 Turn the volume knob to select [YES] or [NO], then press the knob. selects a device to be connected as priority device. ” appears in front of the device name set as priority. dVC PRIORITY ENGLISH | JS_KWD_KDC_BT48DAB_EWE0_07_EN. Indd 15 15 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 23/12/2013 5:09:30 PM BLUETOOTH® TRANSFER PB* “DL PB ” appears and transfer the phonebook of the connected phone to this unit manually. * Selectable only when the connected phone supports OPP. Repeat steps 1 and 2 until you finish entering the PIN code. 3 Press the volume knob to confirm. ON: The unit automatically reconnect when the Bluetooth device is within range. ; OFF: Cancels.

ON: The unit automatically pair supported Bluetooth device (iPhone/ iPod touch) when it is connected through USB input terminal. Depending on the iOS version of the connected iPhone/iPod touch, this function may not work. ; OFF: Cancels. FRONT: Ouputs audio from the front left and right speakers. ; ALL: Outputs audio from all the speakers. (5) You can listen to AhaTM Radio on your smart phone (Android OS) through Bluetooth on this unit. 1 Open the AhaTM application on your smart phone. 2 Connect your smart phone via Bluetooth connection. (12) 3 Press B SRC to select AHA. The source switches and broadcast starts automatically.

 You can operate AhaTM Radio in the same way as AhaTM Radio for iPod/iPhone. (11) • To call a number in the content*: Press 1, then press the volume knob to call. Bluetooth audio player Operations and display indications may differ according to their availability on the connected device. Pause or resume playback Select group or folder Reverse/ forward skip Reverse/fastforward Repeat play Press 6 IW (or press ENT IW on RC-406). Indd 16 23/12/2013 5:09:31 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) AUDIO SETTINGS While listening to any source.

1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to select [AUDIO CONTROL], then press the knob. 3 Turn the volume knob to make a selection (see the following table), then press the knob. Repeat step 3 until the desired item is selected or activated. 4 Press and hold to exit.

(or using RC-406) 1 Press AUD to enter [AUDIO CONTROL]. 2 Press J / K to make a selection, then press ENT IW. To return to the previous setting item or hierarchy, press .) [DRIVE EQ] is a preset equalizer that reduces noise from the road. Adjusts the level to memorize for each source. (Before making an adjustment, select the source you want to adjust.) FADER BALANCE VOLUME OFFSET (Default: 0) SOUND RECNSTR (Sound reconstruction) LOUDNESS SUBWOOFER SET LPF SUBWOOFER LEVEL1/ LEVEL2: Selects your preferred low and high frequencies boost to produce a well-balanced sound at a low volume level. THROUGH: All signals are sent to the subwoofer. ; 85HZ/ 120HZ/ 160HZ: Audio signals with frequencies lower than 85 Hz/ 120 Hz/ 160 Hz are sent to the subwoofer. REVERSE (180°)/ NORMAL (0°): Selects the phase of the subwoofer output to be in line with the speaker output for optimum performance.

(Selectable only if a setting other than [THROUGH] is selected for [LPF SUBWOOFER].) THROUGH: All signals are sent to the speakers. ; 100HZ/ 120HZ/ 150HZ: Audio signals with frequencies higher than 100 Hz/ 120 Hz/ 150 Hz are sent to the speakers. R15 to F15 (0): Adjusts the rear and front speaker output balance. l15 to R15 (0): Adjusts the left and right speaker output balance. 8 to +8 (for AUX) ; –8 to 0 (for other sources): Presets the volume adjustment level of each source. (Before adjustment, select the source you want to adjust.) ON: Creates realistic sound by compensating the high-frequency components and restoring the rise-time of the waveform that are lost in audio data compression. Indd 17 17 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 25/11/2013 5:17:25 PM DISPLAY SETTINGS 1 Press the volume knob to enter [FUNCTION]. 2 Turn the volume knob to select [DISPLAY], then press the knob.

3 Turn the volume knob to make a selection (see the following table), then press the knob. Repeat step 3 until the desired item is selected or activated. 4 Press and hold to exit. To return to the previous setting item or hierarchy, press . Default: XX COLOR SELECT VARIABLE SCAN/ COLOR 01 — COLOR 24/ USER: Selects your preferred key and display illumination color.

You can create your own color (when [COLOR 01] — [COLOR 24] or [USER] is selected). The color you have created can be selected when you select [USER]. 1 Press and hold the volume knob to enter the detailed color adjustment. 2 Press S / T to select the color (R/ G/ B) to adjust. 3 Turn the volume knob to adjust the level (0 — 9), then press the knob.

dIMMER BRIGHTNESS TEXT SCROLL ON: Dims the display and button illumination. ; OFF: Illuminates according to the [BRIGHTNESS] settings. 0 — 31: Selects your preferred brightness level for display and button illumination. AUTO/ ONCE: Selects whether to scroll the display information automatically, or scroll only once. ; OFF: Cancels. MORE INFORMATION General • This unit can only play the following CDs: • Detailed information and notes about the playable audio files are stated in an online manual on the following web site: www.

Playable USB device file system: FAT12, FAT16, FAT32 Even when audio files comply with the standards listed above, playback may be impossible depending on the types or conditions of media or device. unplayable discs •••••••• Discs that are not round. Discs with coloring on the recording surface or discs that are dirty. Recordable/ReWritable discs that have not been finalized.

8 cm CD. Attempting to insert using an adapter may cause malfunction. This unit can play MP3/WMA/AAC/WAV files stored on a USB mass storage class device. you cannot connect a USB device via a USB hub. Connecting a cable whose total length is longer than 5 m may result in abnormal playback. This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 1 A. About USB devices About KENWOOD Music Editor Light and KENWOOD Music Control • This unit supports the PC application KENWOOD Music Editor Light and Android™ application KENWOOD Music Control. When you play audio files with song data added using the KENWOOD Music Editor Light or KENWOOD Music Control, you can search for audio files by Genres, Artists, Albums, Playlists, and Songs. KENWOOD Music Editor Light and KENWOOD Music Control are available on the following web site: www. Indd 18 25/11/2013 5:17:25 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) MORE INFORMATION About iPod/iPhone Made for - iPod touch (1st, 2nd, 3rd, 4th, and 5th generation) - iPod classic - iPod nano (3rd, 4th, 5th, 6th, and 7th generation) - iPhone, iPhone 3G, 3GS, 4, 4S, 5, 5s, 5c • For the latest compatible list and software versions of iPhone/iPod, see: www.
 The unit does not turn on. • Information shown on the display is incorrect. The unit does not work at all. Remedy • Adjust the volume to the optimum level. • Check the cords and connections.
Check to be sure the terminals of the speaker wires are insulated properly, then reset the unit. If this does not solve the problem, consult your nearest service center. clean the connectors. (2) About AhaTM Radio • AhaTM is a third-party service, therefore the specifications are subject to change without prior notice. Accordingly, compatibility may be impaired or some or all of the services may become unavailable.
 Some AhaTM functionality cannot be operated from this unit. reset the unit. (3) Make sure [ON] is selected for [DAB ANT POWER]. (4) About Bluetooth • Depending on the Bluetooth version of the device, some Bluetooth devices may not be able to connect to this unit. This unit may not work with some Bluetooth devices. • Signal conditions vary , depending on the surroundings. For more information about Bluetooth, visit the following website: www. Static noise while listening to the radio. Pull the antenna out all the way. Make sure the disc contains supported audio files.

(18) Insert a playable disc into the loading slot. Make sure the disc is clean and inserted properly. reset the unit. If this does not solve the problem, consult your nearest service center. press and hold M to forcibly eject the disc. Be careful not to drop the disc when it is ejected. If this does not solve the problem, reset the unit. (3) Copy the files and folders onto the USB device again. If this does not solve the problem, reset the USB device or use another USB device. Tracks do not play back as you intended them to play.
"READING" keeps flashing. Elapsed playing time is not correct. Correct characters are not displayed (e. Skip to another track or change the disc. Playback order is determined when files are recorded.
Do not use too many hierarchical levels or folders. This is caused by how the tracks are recorded. This unit can only display uppercase letters, numbers, and a limited number of symbols. Make sure you have installed the latest version of the AhaTM application for KENWOOD application on your device. Your device cannot be connected to Aha Radio server.
There is no response from Aha server. Check the Aha application on your device. Connect your device to the unit. The GPS reception condition of your smartphone is poor. (3) • Make sure you have entered the same PIN code to both the unit and Bluetooth device. Delete pairing information from both the unit and the Bluetooth device, then perform pairing again. (12) The number of registered devices has reached its limit. (13) • Reduce the distance between the unit and the Bluetooth device. Move the car to a place where you can get a better signal reception. Use voice calling method in a more quiet environment.

 Reduce the distance from the microphone when you speak the name. Make sure the same voice as the registered voice tag is used. The connected phone does not support Voice Recognition feature. If "ERROR" appears again, check if the device supports the function you have tried. Bluetooth device cannot get the contact information. Bluetooth® • Voice calling method is not successful. Indd 20 12/12/2013 9:01:49 AM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) TROUBLESHOOTING Symptom Sound is being interrupted or skipped during playback of a Bluetooth audio player. 200 MHz Remedy • Reduce the distance between the unit and the Bluetooth audio player. Turn off, then turn on the unit and try to connect again. Other Bluetooth devices might be trying to connect to the unit.
 Check whether the connected Bluetooth audio player supports Audio/Video Remote Control Profile (AVRCP). (Refer to the instructions of your audio player.) • Disconnect and connect the Bluetooth player again. Reset the unit and try the operation again. If this does not solve the problem, consult your nearest service center.
eNGLISH | JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 21 21 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 25/11/2013 5:17:26 PM SPECIFICATIONS Laser Diode Digital Filter (D/A) Spindle Speed Wow & Flutter CD player Frequency Response (±1 dB) Total Harmonic Distortion (1 kHz) Signal-to-Noise Ratio (1 kHz) Dynamic Range Channel Separation MP3 Decode WMA Decode AAC Decode USB Standard File System Maximum Supply Current USB MP3 Decode WMA Decode AAC Decode WAV Decode Bluetooth Version Frequency Range Output Power Maximum Communication Range GaAIAs 8 times over sampling 500 rpm — 200 rpm (CLV) Below measurable limit 20 Hz — 20 kHz 0. 01 % 105 dB 90 dB 85 dB Audio Compliant with MPEG-1/2 Audio Layer-3 Compliant with Windows Media Audio AAC-LC ". 4 kg Compliant with MPEG-1/2 Audio Layer-3 Compliant with Windows Media Audio AAC-LC ". Indd 22 16/12/2013 11:17:29 AM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) INSTALLATION / CONNECTION Warning • The unit can only be used with a 12 V DC power supply, negative ground.
 Disconnect the battery's negative terminal before wiring and mounting.

Do not connect Battery wire (yellow) and Ignition wire (red) to the car chassis or Ground wire (black) to prevent a short circuit. Insulate unconnected wires with vinyl tape to prevent a short circuit. Be sure to ground this unit to the car's chassis again after installation. Installing the unit (in-dash mounting) Do the required wiring. (24) Caution • For safety's sake, leave wiring and mounting to professionals. consult the car audio dealer. Install this unit in the console of your vehicle. Do not touch the metal parts of this unit during and shortly after use of the unit. Metal parts such as the heat sink and enclosure become hot.

 Do not connect the [wires of speakers to the car chassis or Ground wire (black), or connect them in parallel. Mount the unit at an angle of less than 30º. If your vehicle wiring harness does not have the ignition terminal, connect Ignition wire (red) to the terminal on the vehicle's fuse box which provides 12 V DC power supply and is turned on and off by the ignition key. After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. On the car are working properly. If the fuse blows, first make sure the wires are not touching car's chassis, then replace the old fuse with one that has the same rating. Hook on the top side Orientate the trim plate as illustrated before fitting. Dashboard of your car Bend the appropriate tabs to hold the mounting sleeve firmly in place. Basic procedure 1 Remove the key from the ignition switch, then disconnect the [terminal of the car battery. How to remove the unit 1 Detach the faceplate.

2 Fit the catch pin on the extraction keys into the holes on both sides of the trim plate, then pull it out. 3 Insert the extraction keys deeply into the slots on each side, then follow the arrows as shown on the right. 2 Install the DAB antenna. See Installing the DAB antenna. (24) 4 Install the unit to your car. See Installing the unit (in-dash mounting). 5 Connect the [terminal of the car battery. Indd 23 23 Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) 25/11/2013 5:17:26 PM Wiring connection Antenna terminal Rear/subwoofer output MIC (Microphone input terminal) (12) USB cable Fuse (10 A) DAB antenna jack (25) Connecting the ISO connectors on some VW/ Audi or Opel (Vauxhall) automobiles You may need to modify the wiring of the supplied wiring harness as illustrated below. a7 (Red) Vehicle A4 (Yellow) Default wiring Pin A4 A5 A7 A8 B1 B2 B3 B4 B5 B6 B7 B8 Color and function : Battery : Power control : Ignition (ACC) : Earth (ground) connection : Rear speaker (right) : Front speaker (right) : Front speaker (left) : Rear speaker (left) ISO connectors Ignition wire (Red) Unit Battery wire (Yellow) Red (A7) Yellow (A4) Blue/White ANT . CONT Part list for installation (A) Faceplate Yellow (Battery wire) Red (Ignition wire) If no connections are made, do not let the wire come out from the tab.

Light blue/yellow (Steering remote control wire) STEERING WHEEL REMOTE INPUT (B) Trim plate REMOTE CONT To the steering wheel remote control adapter (C) Mounting sleeve To the power control terminal when using the optional power amplifier, or to the antenna control terminal in the vehicle. (Power control wire/ P. CONT Antenna control wire) Yellow Blue/White Red Black Purple] Purple/black [Gray] Gray/black [White] White/black [Green] Green/black [(D) Wiring harness Brown (Mute control wire) MUTE To connect the Kenwood navigation system, consult your navigation manual. (E) Extraction key 24 JS_KWD_KDC_BT48DAB_EWE0_07_EN. Indd 24 27/12/2013 4:49:15 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) Installing the DAB antenna Caution • The film antenna (F) is exclusively for use inside the vehicle. Do not install at the following locations: – where it may block the driver's view. where it may obstruct the operation of safety devices such as air bags. Signal strength will weaken when installed at the following locations: – on IR reflecting glass or locations covered with mirror type glass film. where it overlaps with genuine radio antenna (pattern). where it overlaps with window heating wires.

 Poor reception may occur: – due to noise when windscreen wiper, air conditioner, or motor is turned on. depending on the direction of the broadcast station with respect to the vehicle (antenna). Thoroughly wipe oil and dirt from the pasting surface with the supplied cleaner (I). Do not bend or damage the film antenna (F). • It may not be possible to install on certain vehicles. Check the cable routing of the film antenna (F) and amplifier unit (G) before pasting. Do not apply any glass cleaner after pasting the film antenna (F). Determine the antenna installation position • The direction of the film antenna (F) changes depending on whether the film antenna (F) is installed on the right side or left side. Be sure to check the installation location of film antenna (F) before installing. film antenna cannot be re-pasted.

 Separate from other antennas by at least 100 mm. Do not paste the amplifier unit (G) on the ceramic line (black part) around the front glass. Because there is not enough adhesion. O Installing the antenna on the left side o Installing the antenna on the right side Ceramic line (black part) Earth sheet* 70 mm (F) (G) 150 mm 150 mm (G) (F) 70 mm Earth sheet* * Paste the earth sheet of the amplifier unit (G) on the metal part of the front pillar. Part list for installation (H) Cable clamper (F) Film antenna (G) Amplifier unit (cable with booster, 3.

5 m) (I) Cleaner 25 JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 25 25/11/2013 5:17:26 PM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) Caution When installing the antenna cable inside the front pillar with the air bag installed • The front pillar cover is secured with a special clip which may need to be replaced when it is removed. 5 m) (I) Cleaner 25 JS_KWD_KDC_BT48DAB_EWE0_02_EN. @@ Wait until the glass surface is completely dry before proceeding. @@@@@@ Install the amplifier unit (G) above the air bag so that it does not obstruct the operation of the air bag. (G) Do not touch the pasting surface (adhesive side) of the film antenna (F). 4 Remove the separator (tag II) of film antenna (F) vertically and paste the antenna on the windscreen. Separator (tag II) (F) Front pillar 5 Rub the film antenna gently onto the windscreen in the direction of the arrow shown to allow it to stick firmly. 2 Clean the windscreen with the supplied cleaner (I). (F) 8 Remove the film covering the earth sheet and paste the earth sheet on the metal part of the vehicle. Provide sufficient leeway for the earth sheet so that it does not interfere with the interior parts (front pillar cover). Also take care that the interior parts do not interfere with the amplifier unit (G).

Windscreen Earth sheet (G) Application film (tag III) Do not touch the lead terminal of film antenna (F). 7 Set the postion of the protrusion of the amplifier unit (G) with the K on the film antenna (F) and paste. Do not touch the lead terminal or the pasting surface (adhesive side) of the amplifier unit (G).

⬜ When installing the antenna on the right side Set the position of the protrusion with K mark Earth sheet (F) Front pillar cover 9 Wire the antenna cables. Use cable clamper (H) to secure the antenna to the pillar at several positions. 10 Attach the front pillar cover back to its original position. Be sure not to damage the earth sheet and amplifier unit (G) when covering. 11 Connect the amplifier unit (G) to the DAB input terminal on the rear of the unit. 12 Set [DAB ANT POWER] to [ON]. (5) (G) Lead contact of the amplifier unit (metal part) Lead terminal of the film antenna (F) • When installing the antenna on the left side (G) (F) Earth sheet Set the position of the protrusion with J mark 27 JS_KWD_KDC_BT48DAB_EWE0_02_EN. Indd 27 26/12/2013 8:56:40 AM Data Size: Book Size: B6L (182 mm x 128 mm) B6L (182 mm x 128 mm) • "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

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